

ASTD/TDI Project Static Report

Integrated Decontamination and Decommissioning

Focus Area: Decontamination and Decommissioning Focus Area

TTP No.: ID08SD11

Lead Site: Idaho

Project No.: 98-TDI-07

Tech ID/TMS No.:

Related Publication(s): DOE/EM-0401, -0394, -0393, -0345, -0306

Web Page(s):

Description: This project consists of a suite of D&D tools including a self-contained hand-held pipe cutting shear, Oxy-Gasoline Cutting Torch, Track Mounted Shear, BROKK demolition robot, Gamma Cam radiation detection system, Personal Ice Cooling System (PICS), DDROPS, soft-sided waste containers, snap together scaffolding, and concrete crusher.

Application: These tools are used primarily to expedite demolition of concrete and metal structures in a safe, efficient, and secure manner.

Location(s): FEMP and INEEL

Technology(ies):

Focus Area Manager: John Duda, (304) 285-4217

Principal Investigator: Anne Marie Smith, (208) 526-6877

Technology Vendor(s)/Commercial Partner(s):

None identified at this time

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BROKK 250 Demolition Robot with Scabbler, Hammer, Grappler, Bucket and Hydraulic Shears

DDROPS

Gamma Cam Radiation Scanning Device

Hand-Held Shear

Oxy-Gasoline Torch

PICS Cool Suit

Pipe Explorer

Snap Together Scaffolding

Soft-Sided Waste Containers

Track-Mounted Shear

	Funding (\$K):	<u>FY-98</u>	<u>FY-99</u>	<u>FY-00</u>	<u>FY-01</u>	<u>Total</u>
TTP No.:	ID08SD11	\$1,649	\$638	\$81	\$0	\$2,368
Leverage Source:	EM-40					\$7,600
Funding Total (\$K):						\$9,968

Cost Savings (\$M):	<u>Proposal</u>	<u>Deployment Plan/TTP</u>	<u>Current Focus Area Projection</u>
	Pending	Pending	\$7,800